CLASSIFICATION [redacted]

CENTRAL INTELLIGENCE AGENCY
INFORMATION FROM
FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT
CD NO.

50X1-HUM

COUNTRY	USSR
SUBJECT	Economic - Chemical industry
HOW PUBLISHED	Monthly periodical
WHERE PUBLISHED	Moscow
DATE PUBLISHED	Dec 1948
LANGUAGE	Russian

DATE OF INFORMATION 1948

DATE DIST. 20 Jul 1949

NO. OF PAGES 2

SUPPLEMENT TO REPORT NO.

THIS IS UNEVALUATED INFORMATION

SOURCE Zavodskaya laboratoriya, Vol XIV, No 12, 1948, FDB No 476684.

RECENT ACTIVITIES OF THE SCIENTIFIC RESEARCH INSTITUTE FOR FERTILIZERS AND INSECTOFUNGICIDES IMENI YA. V. SAMOYLOV

Extract from an article, "Collaboration Between Factory Laboratories and Scientific Research Institutes"

S. I. Vol'fkovich
Academician

[In 1935, Academician Vol'fkovich was Assistant Director (Science) at NIUIF (Scientific Research Institute for Fertilizers and Insecto-fungicides imeni Ya. V. Samoylov). See OO-W Report No 1266/49.]

Some of the projects carried out in 1947-1948 by NIUIF in conjunction with the Central Laboratory of ChKhZ, (Chernorechensk Chemical Plant), Shchelkovo Chemical Plant, and others may be given as examples (of collaboration between factory laboratories and scientific research institutes.)

The Institute worked out in its laboratory the production plans of a new agricultural poison, which is extremely effective against many pests -- locusts and others -- and also of an effective zoocide -- zinc phosphide -- an antirodent medium. The ChKhZ laboratory, cooperating with the NIUIF, first verified the technological systems, then quickly realized them under industrial conditions. The Ministry of the Chemical Industry awarded prizes to the participants, both plant and institute, in this joint work whose success was to a considerable extent due to coordinated mutual assistance. Engineer G. M. Strongin was in charge of the plant side of this work, and Yu. P. Bezobrazov and A. V. Molchanov were in charge of the Institute side.

CLASSIFICATION [redacted]

STATE	X	NAVY	X	NSRB		DISTRIBUTION							
ARMY	X	AIR	X	FBI									

Trials of a new technological process for manufacturing arsenic acid, which is intended to be put into practice on a large scale, were successfully carried out in joint work with the Shchelkovo plant.

The following joint projects of the Institute also proceeded smoothly and successfully.

With a nitrogen manure combine: improvement of the physical properties of ammoniacal saltpeter.

With the Nevskiy Superphosphate Plant: flotation of apatite concentrate ground more coarsely than that used at present.

At a Ukraine plant: intensification of sulfuric acid production.

- E N D -